

ABSTRACT OF THE DISCLSURE

An automotive headlight assembly includes a concave parabolic reflector having a focal axis and a focal point on the axis spaced from the reflector surface. A halogen light source is mounted on an elongated tubular conduit that is oriented on the focal axis of the parabolic reflector. A power mechanism is connected to the tubular conduit for sliding the conduit through a clearance opening aligned with the focal axis, so that the light source is moved between a high beam position on the focal point and a low beam position located at a different point on the focal axis, through an infinite number of in between positions, thus allowing the driver to adjust the focal point of the light to any desired distance.